Amendments to the CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 – 33 (Canceled).

34.   (New) A method for controlling a power state of an autonomous subsystem without involvement of a main operating system, comprising:

receiving a first message from the autonomous subsystem, wherein the first message is one of a full wakeup, a limited wakeup, a status request, or a resume previous state;

sending a second message addressed to the autonomous subsystem, wherein the second message is based on the first message; and

setting the power state of the autonomous subsystem based on the first message, wherein the power state is set to one of fully waking up the subsystem when the first message is the full wake up message, partially waking up the subsystem when the first message is the limited wakeup message, reporting the status to the subsystem when the first message is the status request, or retrieving and restoring the previous state of the subsystem when the first message is the resume previous state message.

35.   (New) The method of claim 34, wherein the second message is one of an acknowledge message, a shutdown message, a status request message, a synchronization message, or a status message.

36.   (New) The method of claim 34, wherein the autonomous subsystem is one of a memory, a storage device, a display, an audio device, an input device, or a communication device.

37.   (New) The method according to claim 34, wherein the status message includes status information related to operating mode, power efficiency, anticipated power, anticipated battery life, or operation options.

38.   (New) A machine-readable medium having stored thereon instructions for controlling a power state of an autonomous subsystem without involvement of a main operating system, which when executed by a processor, causes said processor to perform the following:

receiving a first message from the autonomous subsystem, wherein the first message is one of a full wakeup, a limited wakeup, a status request, or a resume previous state;

sending a second message addressed to the autonomous subsystem, wherein the second message is based on the first message; and

setting the power state of the autonomous subsystem based on the first message, wherein the power state is set to one of fully waking up the subsystem when the first message is the full wake up message, partially waking up the subsystem when the first message is the limited wakeup message, reporting the status to the subsystem when the first message is the status request, or retrieving and restoring the previous state of the subsystem when the first message is the resume previous state message.

39.   (New) The machine-readable medium of claim 38, wherein the second message is one of an acknowledge message, a shutdown message, a status request message, a synchronization message, or a status message.

40.   (New) The machine-readable medium of claim 38, wherein the autonomous subsystem is one of a memory, a storage device, a display, an audio device, an input device, or a communication device.

41.   (New) The machine-readable medium of claim 38, wherein the status message includes status information related to operating mode, power efficiency, anticipated power, anticipated battery life, or operation options.

42.   (New) A system for controlling a power state of an autonomous subsystem without involvement of a main operating system, comprising:

a power state controller having an input port, an output port, and a communications channel;

a user input coupled to the power state controller input port;

an energy monitor signal coupled to the power state controller input port; and

an autonomous subsystem coupled to the power state controller output port and the power state controller communications channel,

wherein the power state controller is to i) receive a first message from the autonomous subsystem, where the first message is one of a full wakeup, a limited wakeup, a status request, or a resume previous state, ii) send a second message to the autonomous subsystem based on information including the first message, iii) set the power state of the autonomous subsystem based on the first message, wherein the power state is set to one of fully waking up the subsystem when the first message is the full wake up message, partially waking up the subsystem when the first message is the limited wakeup message, reporting the status to the subsystem when the first message is the status request, or retrieving and restoring the previous state of the subsystem when the first message is the resume previous state message.

43.   (New) The system of claim 42, wherein the user input includes a switch to turn the system on and off.

44.   (New) The system of claim 42, wherein the energy monitor signal includes a signal indicative of remaining battery capacity, a voltage level, a temperature indicator, a system signal and a current level remaining battery capacity.

45.   (New) The system of claim 42, wherein the status message includes status information related to operating mode, power efficiency, anticipated power, anticipated battery life, or operation options.